DXpedition News

Juan de Nova - FR/J LNDX reports that Bruno FRØEH will operate from Juan de Nova (AF-12) to the end of May. QSL to Box 386, Pierre-Fonds F-97410, Reunion, via France. Sunrise Ø33ØZ, sunset 1445Z.

Glorioso - FR/G Bruno will go on to Glorioso (AF-11) June 22 to the end of July.

North Cook Islands - ZK1 Marty Zimmerman AG9Q and Tony Utanga ZK1CP will be on from Manihiki in the North Cooks (OC-14) June 25-30, as ZK1QC. Watch 14185 and 21285 kHz Ø2-Ø6ØØZ. QSL to K9QVB.

Chagos - VQ9 Paul Partin N1AME will be on from Diego Garcia (OC-Ø6) June-September. He has asked for the call VQ9ZM. QSL via home call.

Christmas Island - T32 Aki JA5DQH will operate as T32ZZ May 9-10, after Palmyra.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Little Cayman - ZF8 Joan Flower WA2ICE will try to operate as ZF2ME/ZF8 from Little Cayman (NA-16) May 15-20. Mostly DX nets, with some freelance operation in the 10-meter Novice band, on request. QSL to Box 1815, Dover DE 19903.

Palmyra - KH5 The WØRLX/KH5 group will wrap up their successful DXpedition in the next day or two. QSL WA2MOE.

St. Martin - FS Look for FG/JA2EZD/FS May 6-12, on 160-10, CW and SSB. He moves to Martinique as FM/JA2EZD May 12-20. QSL to JA2MNB.

Nepal - 9N Five Japanese operators will be on as 9N88ITU May 13-15, 40-10, CW and SSB. QSL to JA8RUZ.

Rwanda - 9X Duncan 9Q5DA will take a beam and amp to 9X5AA for some CW operation, within the next few weeks.

Reserve Your Island

Vatican - HV Brook Byers K4TKM, brother Ken K4TEA, and IØDUD will operate HV3SJ in the CQ WPX CW, May 28-29, QSL to IØDUD.

Macao - XX Mike KC7V returns to XX9MF May 28-29, for WPX CW. QSL home call.

Aruba - P4 Bill N1GL will operate single-op, all-band in CQWW SSB.

Shortly Noted

- 4U1ITU May 15-22 celebrates World Telecommunication Day May 17. Try 3620 at 1730Z; 7062 at Ø7-Ø8, 18-19Z; 14260 at Ø8-Ø9, 19-20Z; or 21260 at Ø9-10, 16-17Z.
- The Iranian stations, especially EP2HZ and EP2DL, do not count for DXCC, as amateur radio has been suspended in Iran.
- YN3EO operates 40 meter SSB on 7088 kHz, listening 7205 kHz. He's also on CW.
- Y88POL in Antarctica skeds Y2s at 21275 kHz 1500Z on Thursdays. Thanks DX-NL.
- Gerd Burns ZS3GB likes FM on 29600 kHz at 1730Z. QSL to Box 1165, 9000 Tsumeb, Southwest Africa, with US$1, not IRCs.
- YV1CP (ex-YV5JEA) is on 24970 kHz at 1600Z daily. QSL to Box 3, Punto Fijo, 4102A Falcon, Venezuela.
- FV6PAX will be on through the end of June to celebrate the 44th anniversary of D Day. TQ6JUN will ne on May 28-June 13. TV6AIG from Aigoual Mountain will be on May 21-23. Thanks LNDX.
- JX8KY recently returned to Jan Mayen (EU-22), for a 5-month stay. QSL to LA8KY.
- Seth XU1SS is often on 14165 kHz at 1100Z. Ben YB3CN may monitor the contacts, and provide QSLs.

Glasnost, Amateur Radio Style

The Russian hams are enjoying some new privileges these days. They are now permitted to talk to Israeli nationals, and the U-pileups on 4X stations have been intense. More importantly, Russian amateurs can give their address on the air, print it on their QSL cards, and publish it in call directories such as the Callbook. At last a way around the dreaded Box 88!

CQ Magazine's Halls of Fame

Jack Troster W6ISQ was named to the CQ DX Hall of Fame at the International DX Convention in Visalia. Jack is past president of the Northern California DX Foundation, and was instrumental in establishing the NCDXF beacon system on 14100 kHz, a system that is a model for beacon worldwide.

At the same convention, Al Slater G3FXB was the third amateur named to the CQ Contest Hall of Fame. Al has consistently led European contest scores for many years.

PROPAGATION

Forecast and Historical Data

Day May	Forecast	27 Days Before Date	Flux	A	K	55 Days Before Date	Flux	A	K
6	High/Low	4/9	127	11/21	3	3/12	105	09/12	3
7	High/Low	4/10	127	14/21	3	3/13	109	07/07	2
8	High Nor	4/11	131	08/15	3	3/14	112	10/18	3
9	Low Normal	4/12	136	15/21	4	3/15	119	18/12	4
10	High Nor	4/13	134	12/17	2	3/16	121	19/23	2
11	Above Nor	4/14	145	08/17	1	3/17	119	09/14	1
12	Above Nor	4/15	143	04/14	1	3/18	117	08/12	2
13	Above Nor	4/16	147	10/14	4	3/19	119	04/11	1
14	Above Nor	4/17	144	07/12	1	3/20	115	04/11	0
15	Above Nor	4/18	144	06/15	1	3/21	119	01/09	0
16	High Nor	4/19	137	15/15	3	3/22	118	03/11	1
17	High Nor	4/20	134	07/13	3	3/23	122	07/11	3
18	High Nor	4/21	126	06/15	1	3/24	122	06/10	1
19	Disturbed	4/22	119	35/74	4	3/25	129	09/17	3
20	Below Nor	4/23	110	18/33	1	3/26	130	15/65	4
21	High Nor	4/24	104	05/12	3	3/27	131	20/48	3
22	High/Low	4/25	105	05/14	2	3/28	130	14/46	3

Thanks KH6BZF and Space Environment Services Center.

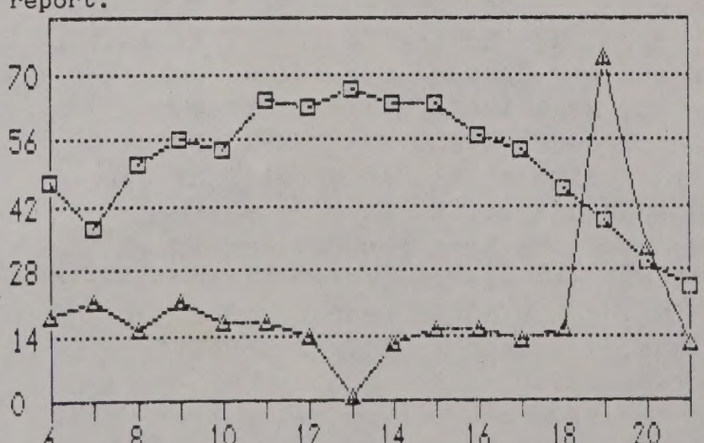
Propagation Watch

Sunspot Cycle 22 continues to generate DXcitement, and continues to confound propagation forecasters. After hitting a Cycle 22 peak of 147 on April 16, the solar flux nose-dived to 104 one week later (see graph below.) Fortunately, the ionosphere retains some residual ionization from the high flux of the past month, so 10 meter propagation has not vanished.

The solar storm that destroyed DXing during Sunday of the WPX SSB test in late March recurred as predicted on April 22, with planetary A indices of 74, and a peak planetary K value of 7. The region on the sun that produced these storms is due around again on May 19; expect disturbed conditions around that date.

The propagation forecast for the next 10 days is good for the DXer. Solar flux should rise from its low point in the low 100's, and absorption should remain low to moderate. If the flux increases to the mid-140's, as it did in mid-April, look for another round of great band conditions. However, a more moderate flux increase is more likely.

The DX Bulletin predicts that May 12-14 will be the best days for DXing in the next two weeks. Look for 20 meters to be open far into the night, and good 15 meter openings during daylight hours. 10 meters probably won't repeat the fireworks of mid-April, but the band will reward the persistent DXer with occasional strong openings. Keep an ear on WWV at 18 minutes after the hour for the latest solar activity report.



Solar flux (squares, scale at right), Planetary A index (triangles, scale at left) for 27 days prior to dates given. Thanks Space Environment Services Center.

DXCC and DXAC Notes

From DX Forums at Visalia and Dayton

The DX Advisory Committee (DXAC) welcomes its newest member, Jim Maxwell W6CF, of the Pacific Division. Jim is one of northern California's most knowledgeable DXers, and is an expert on the history of DXCC.

The DXAC is considering two proposals at this time. One, from a Japanese DXer, requests the reinstatement of Okino Torishima 7J as a DXCC country. Okino Torishima was added to the DXCC list on May 30, 1976, over the objections of the DXAC and the ARRL Headquarters staff, by then-General Manager Dick Baldwin W1RU. The purpose of making what became known as Baldwin's Reef a new country for DXCC was to honor the 50th anniversary of the Japan Amateur Radio League, and to ensure the support of Japan in the 1979 WARC. The country was deleted from the DXCC list in 1980, as it lies within 500 miles of Ogasawara. JE2CEG argues that the 500-mile separation should be measured from the capital of Ogasawara, and not from the closest point of land. This argument is unlikely to find favor in the DXAC. However, new DXAC member Jim Maxwell W6CF points out that Okino Torishima might count under DXCC Rule 3: Separation by a foreign land. Stay tuned.

The DXAC is also considering a proposal to ease the endorsement levels for RTTY DXCC to those of the new single-band DXCC rules: at multiples of 10, versus the present 25 credits. Look for this change to be approved in the near future.

Don Search W3AZD, DXCC coordinator, explained the administration of the new DXCC rules requiring QSLs cards to include the country. Don says he will continue to accept unambiguous callsigns as indicating the country. In other words, for all but a handful of DXCC countries, the callsign alone is sufficient. Exceptions are for those countries that share a common prefix: FR CE0 VP8 JD1 PY0 VK9 4U ZK1 and others. In these cases, the actual DXCC country must be on the card for DXCC credit for that country. QSL managers and DX stations take note.

Don also clarified an often-confusing point: does a QSL card need a minimum signal report (say, 2x2) to qualify for DXCC? The answer is No, there is no minimum report required. Further, a signal report is not needed at all! The only time the DXCC desk looks at the signal report is when the submission is for CW or phone, and the card does not clearly specify the mode (ie. 2xCW or 2xSSB). Then they look at the signal report, as a two digit report signifies a phone contact, and a three digit report is a CW contact.

A follow-up question raised the point that if signal reports are not required, what constitutes a contact, especially on SSB lists and nets? Don replied that something must be exchanged for a valid QSO. In the case of two stations that know each others calls, as sometimes happens in nets ("KA6ABC, call S92LB now."), then the two stations must exchange some previously-unknown information, which over the years has traditional been the signal report. If callsigns are not relayed by the net control, merely exchanging callsigns constitutes a valid QSO for DXCC.

Don mentioned accreditation status of several recent operations. 5U7/TU4BR and PA0GAM/ST2 both count for DXCC now. The recent A15 DXpedition, ET3JIN, and F6CW's A61AB CW operation do not yet count for DXCC, pending receipt of appropriate documentation. All three are expected to count for DXCC soon. Meanwhile, do not submit cards for DXCC credit from these stations.

Finally, Don reported that June QST will list some 2,800 DXers on the Honor Roll, more than 10% of all DXCC members. Some DXers fell off the Honor Roll because they missed Peter I Island 3Y.

BANDPASS

Reports Wanted, Especially RTTY, 30 meters

-----RTTY-----

3C1MB	14087	0611	18	CO
4S7/ DF9FA	14090	1525	27	CA
6T2MG	14087	2350	19	CO
9Q5DA	14087	2040	28	CA
C31NP	14096	0559	18	CO
C31NP	14087	2338	18	OH
CN8EL	14093	2346	23	OH
CU7AB	14083	1940	19	OH
EA9JV	14094	0420	24	OH
FKØAW	14087	0516	26	CO
FT5ZB	14086	0326	16	CO
GI3YMT	21085	1515	23	OH
HC2AMO	14088	1442	22	CO
HC5T	14095	2325	21	ND
KH5H/ K9AJ	14085	0345	26	CA
T77J	21084	1458	24	CO
UA1IM	14088	0505	20	CO
UA9FM	14087	0137	21	MO
UR2JW	14087	1300	25	ND
UV9FB	14088	0414	16	CO
V44KAR	14086	0021	23	CO
VP2EZ	14085	0040	28	CA
XX9JN	14084	1416	20	CO
Y55UG	14093	1926	24	ND
YBØQC	14084	1332	20	CO
ZD7AF	14097	2237	21	CO
ZS6CDJ	14093	1250	18	ND

-----160 Meters-----

FT5ZB	1827	0050	21	NH
FW/N6LYB	1833	0935	28	CA
KH5K/ K9AJ	1832	0609	26	WA
KX6DC	1831	0705	25	WA
LU2YE	1833	0235	12	MA
VK2RS	1833	1215	26	MT
VK9NS	1832	1147	28	CA
VK9YT	1827	1242	21	CA
VK9YT	3505	2335	22	NH

-----80 Meters-----

3B8CF	3505	0135	18	MA
FT5ZB	3507	1225	24	CO
JF6DPM	3504	1000	23	CT
TY9SI	3506	0002	23	NH
TY9SI	3501	2340	23	MA
UO4OR	3507	0222	23	VT
UO5WT	3513	0230	19	VT
VK9YT	3504	1335	20	CA

-----75 Meters-----

FR5DX	3792	0227	22	MO
FT5ZB	3796	1338	25	CA

-----40 Meters-----

CI8JH	7004	1030	20	OH
FT5ZB	7006	0130	22	MA
HI500RCD	7002	2345	22	VT
J52US	7009	0028	21	FL
KC6JC	7177	1000	17	OH
P29PL	7003	0945	20	MI
P29PL	7003	1015	21	MN
UZ2FWZ	7003	0025	25	FL
VK9YT	7005	1200	24	CO
VK9YT	7008	1454	25	CA
VS6DO	7004	1045	19	OH
XF1C	7005	1221	2	MN
ZL7TZ	7002	1304	22	MT

-----30 Meters-----

FW/N6YLB	10105	0901	28	CA
KH2/NY6M	10130	0838	28	CA

-----20 Meter CW-----

3B8CF	14030	0253	24	MO
3B8FE	14040	0300	24	MT
4S7EA	14019	0134	27	FL
4S7WP	14005	2159	28	FL
7X2FK	14014	0050	22	MO
8Q7GV	14023	1813	21	CO
9J2BO	14027	1253	21	NH
9N1MM	14028	1752	23	MN
9N1MM	14027	2132	23	MA
A4XJZ	14017	0317	15	CO
A4XJZ	14038	2359	17	VT
BTØLS	14051	1344	21	IN
CEØZIG	14009	0436	27	CA
CN8VE	14021	1850	19	FL
EKØAA	14022	0138	19	OR
EKØAA	14003	0039	22	IL
FT5ZB	14025	0225	24	ME
J88BI	14008	0521	20	OR
R4L	14015	1730	20	OR
RH8BA	14036	0230	24	MA
SY88AM	14007	0137	24	FL
TA2AI	14020	2345	20	ME
TY9SI	14021	0015	22	WA

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Tell your fellow DXers about The DX Bulletin!

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UØAL	14021	0017	22	IL
UAØKK	14023	1148	23	MD
UA1OA/ UA3MEE	14046	1850	21	NH
UA9FGR	14009	0323	19	MD
UI8AAX	14017	0120	24	PA
UI8AFI	14012	0150	20	MD
UI8AG	14010	1354	16	ID
UW3HY/1	14017	1612	23	CA
UW3HY/1	14024	0200	26	IA
VI9GWW	14007	1405	18	OR
VK9YT	14025	1550	23	CO
VU2TJW	14026	0145	21	MT

-----20 Meter SSB-----

3B8CF	14235	0315	21	CO
3B9FR	14241	0257	21	NC
4KØDX	14226	0145	22	CA
5H3BH	14202	1425	20	IA
5U7/ TU4BR	14246	2236	23	FL
7X3CA	14165	0300	25	IA
7X5AS	14191	2300	22	OH
7X5VRK	14181	0250	20	CO
8JØATC	14163	1140	24	MO
9K2DT	14228	2140	21	AZ
9K2EC	14233	1925	15	NH
9K2KW	14238	2240	18	MI
9K2KW	14205	2340	24	CO
9M2LZ	14196	1524	26	CA
9N1MM	14183	0110	19	NC
9N1MM	14206	0101	27	FL
A4XKB	14163	0300	14	ME
A4XKB	14184	0221	24	MA
A4XKF	14251	2235	24	VT
A4XKJ	14175	1300	20	WA
A92BE	14220	0042	22	NC
AP2AU	14170	0220	24	FL
AP2MQ	14170	0148	24	MA
BTØLS	14165	1330	24	MO
BV2A	14175	1430	26	CA
CI8JH	14194	1949	23	FL
CN8FB	14160	2155	19	OH
CN8ST	14197	0051	23	CO
D44BC	14229	0515	26	CO
HKØEFU	14264	0305	18	VT
HKØHEU	14196	0050	23	CO
JT1BG	14175	0208	21	MO
JW5E	14228	1843	21	TN
JW8FG	14224	1424	26	CA
KC6JC	14295	0402	26	MO
KG4AN	14228	0042	24	NC
KHØAC	14192	1048	26	FL
OD5VT	14215	0115	24	VA
SØRASD	14190	0000	26	CO
SU1ER	14123	0010	26	MN
T2/KI4PR	14213	0415	21	CA
TA1U	14224	0144	20	VT
TK5FF	14197	2103	23	NC
TL8HB	14282	2320	23	TN
TY9SI	14200	2300	22	CO

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Now available: Postage-paid Report "cards." Contact The DX Bulletin for a free supply.

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UJ8JCM	14206	0240	24	VA
UJ8JX	14176	0106	27	FL
UQ2MU	14208	0531	25	CA
V85HG	14188	1540	21	CA
V85HG	14207	1220	23	OH
VK9YT	14175	1420	14	ME
VK9YT	14210	1510	23	CO
VK9YT *	14210	1500	23	MN
VU2TJW	14192	0225	17	ME
VU2TJW	14182	0141	19	TN
VU2TJW	14188	1449	19	OR
XF1C	14187	2129	15	NH
XU1SS	14220	1443	21	OR
YI1ØBGD	14199	0434	24	MO
ZB2IB	14160	0242	24	MO
ZD8HCF	14243	0030	23	CO

-----15 Meter CW-----

4Q2OM	21024	0321	25	IN
9N1MM	21025	1350	23	MA
CEØFFD	21010	2345	21	OH
TA3B	21006	1328	23	VT
UI9ACP	21040	1221	19	VT
UR2RNS	21015	1530	20	CA
VK9NKG	21198	1312	17	NH
VK9YT	21007	0202	18	IN
YN3CC	21023	2000	24	FL

-----15 Meter SSB-----

4S7NMR	21300	2020	23	MO
5N8KBM	21230	2040	23	OH
5T5RA	21319	2345	18	OH
9K2KW	21294	1430	23	IA
9Q5NW	21252	2145	19	OH
A92EM	21268	1740	23	MN
BTØZML	21270	1428	23	FL
CV8FC	21298	1725	23	OH
D44BC	21256	1955	20	CO
EL2EV	21333	1856	24	MA
FR5DX	21290	1915	19	CA
HH7PV	21252	2350	18	OH
JW5NM	21260	2240	24	MA
P43RV	21291	2116	24	FL
SØRASD	21250	1920	16	NH
S92LB	21295	2120	20	MA
TZ6VV	21273	2350	14	ME
UO4OXV	21250	1905	24	OH
UZ2FWA	21246	1635	17	OH
VK9ND	21264	0350	25	MO
VK9YT	21230	1182	17	VT
VU2ZAP	21286	1736	24	MA
YN3EO	21220	0135	20	MA
ZS3GB	21243	2150	19	OH

-----10 Meter CW-----

9J2AL	28031	1800	23	FL
9Q5DA	28021	2038	16	MI
C53GS	28008	1655	25	CT
FK8DD	28011	0020	25	FL
FT5ZB	28027	1208	21	FL
PJ2AM	28046	1558	17	GA
UO4OR	28026	1922	16	GA

-----10 Meter SSB-----

D44BC	28539	1800	17	VT
J52US	28476	1838	13	NH
VK9YT	28450	0215	21	CA
ZL2AAG	28529	2224	20	OH

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April-May Calendar:

Sun	Mon	Tue	Wed	Thu	Fri	Sa
17	18	19	20	21	22	23
24	25	26	27	28	29	30
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21

****

Key to Bandpass: Callsign, frequency, UTC, day of month state. * = long path, P = Packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

RTTY Report

- **AP2SQ** is back on 14095 kHz at 0830Z.
- **FM5BK** has been very active on 14095 kHz at 2300Z.
- **ZD7BJ** on St. Helena has been on 14097 kHz at 2300Z.
- Duncan **9Q5DA** has been up on 14082 kHz at 2245Z.
- **6T2MG** continues to be active around 14091 kHz at 0000Z. QSL to Box 49, Nroth Khartoum, Sudan.
- **V44KAR** on St. Kitts likes 14091 kHz at 2245Z.
- Juan **C31NP** has been on 14096 kHz at 2355Z.
- **3C1MB** is very active on 14086 kHz at 0700Z.
- **FT5ZB**, Amsterdam Island, likes 14086 kHz at 1300Z.
- Look for **FK8BK** on AMTOR on 14077 kHz at 06 and 12Z.
- **9Y4RJS** has a good signal on 14090 kHz at 0200Z.
- Cap **J6LGH** is on 14092 kHz at 2245Z. QSL WA4WIP.
- **FY7AN** has been on 14085 kHz at 2130Z.
- Helmet **VP2MHD** is on 14097 kHz at 2130Z. QSL DK6EA.
- Ron **KP2N** likes 14086 kHz at 1100Z.
- Alan **FO5LQ** has been on 14101 kHz at 0600Z.
- **WY5L/KH3** on Johnson Is. is on 14095 kHz at 0600Z.
- Raju **VU2NR** has been on 14090 kHz at 0030Z.
- **TR8KMJ** is loud on 14090 kHz at 2300Z.

1 498 YOUR SUBSCRIPTION ENDS 88/10
A A LAUN K3ZO
5801 HUNTLAND ROAD
TEMPLE HILLS MD 20748

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CALENDAR

Issue 436 - May 6, 1988

(Changes and hot info in boldface.)

Amsterdam - FT8Z	FT5ZB 1832 14-1500Z	I426
	28027 03Z, 28530 12Z	I435
Aruba - P4	P40P June 15-22	I431
Bermuda - VP9	W5SJ/VP9 May 1-8	I434
Central Africa TL	TL8TG mid-May	I432
Chagos - VQ9	VQ9ZM June-Sept	I436
China - BY	20 MCW/SSB 0030-01Z	I423
Christmas Is.	VK9XT May 3-24	I433
	See Bandpass for VK9YT	
Christmas Is. T32	by KH5 ops May 9-17	I436
Congo - TN	by N4NW soon	I432
Curaco - PJ2	PJ2/N5RM May 24-31	I427
E. Carolines	KC6DX May 27-June 5	I433
Faroes - OY	OY/DK9FE May 8-27 CW	I424
Franz Josef Land	UA1O/UA0BDU, UW3HY/1	I434
Glorioso - FR/G	FR0EH/G June 22-July	I436
Guinea-Bissau J5	J52US 28450 kHz 14Z+	I435
	21225 1330Z	I428
India - VU	AT0T WPX CW	I429
Ivory Coast - TU	TU4GR to mid-August	I433
Juan de Nova FR/J	FR0EH/J to May 30	I436
Juan Fernandez	CE0ICD 14236 2200Z	I434
Kerquelen Is.	FT2XE 28028 1100Z	I435
Kuwait - 9K2	9K2KW 14230 2300Z	I435
Little Cayman	ZF2ME/ZF8 May 15-20	I436
Macao - XX	XX9MF CQ WPX CW	I436
Martinique - FM	FM/JA2EZD May 12-20	I436
Montserrat - VP2M	KJ4VH May 6-15	I434
Mt. Athos - SY	SY2A soon!	I435
Nepal - 9N	9N1MM 14236 00Z Wed	I428
	14183 0100Z	I434
	9N88ITU May 13-15	I436
North Cooks ZK1	ZK1QC June 25-30	I436
Oman - A4	A4XKJ 14195-200 12Z+	I434
	A4XKB 20M SSB 0200Z	I435
Palmyra - KH5	W0LRX/KH5 May 1-7	I434
Revillagigedo	XE2HUM/XF4 now	I433
Rodriguez - 3B9	3B9FR 14250 at 0300Z	I435
Rwanda - 9X	9X5AA CW early May	I435
Saba Is. - PJ	PJ0M 6M Jul 7-14	I430
St. Martin - FS	FG/JA2EZD/FS 1 week	I436
St. Pierre - FP	73 Mag May 26-29	I434
Sao Tome - S9	SM0AGD May 3-18	I434
Swaziland - 3DA0	3DA0BW 28490 1500Z	I434
Tokelau - ZK3	by VK2BCH May	I435
Trinidade - PY0T	ZY0TR June 1-7	I435
Tuvalu - T2	CQWW SSB by K8JRK	I432
U.A.E. - A6	A61AB 1500Z 14240Z	I430
Vatican - HV	HV3SJ 21242 2000Z	I435
	HV3SJ CQ WPX CW	I436
West Sahara - S0	S0RASD 21250 1800Z	
	28550 kHz at 1630Z	I435
Western Samoa 5W	by VK2BCH from May 8	I435
Yemen - 4W	4W7EA late June	I435
Zaire - 9Q	9Q5NW 21250 1930Z+	I420
Zambia - 9J2	9J2EZ 21010 at 2000Z	I435
Zone 23 - BT0	Feb. 25-June 30	I424
	14180/280 00, 12Z	I433

DX Activities and Contests

Date	Event or Activity	Info
May 14-15	Russian CQ-M Test	CQ
May 28-29	CQ WW WPX CW Test	CQ
June 4-6	ANARTS RTTY Contest	CQ
June 18-19	All Asian Phone	CQ

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Contributors

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